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PATENT TRADEMARK OFFICE

Docket No. 4887-4001US1in A4 278f  
2132IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Charles Ferguson, et al.

Group Art Unit: 2188

APR 18 2001 Serial No.: 09/675,424

Examiner: TBA

Filed: September 29, 2000

For: A Method and System for integrating network-based functionality into PC applications and documents

EXPRESS MAIL CERTIFICATE EL513415637USExpress Mail Label No.: EL513415637USDate of Deposit: April 18, 2001

I hereby certify that the following attached paper(s) and/or fee

1. Information Disclosure Statement;
2. PTO 1449 Form attaching One Hundred and Twenty-Six (126) References;
3. Return Receipt Postcard;
4. This Express Mail Certificate Label No EL513415637US

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Francisco Garcia

(Typed or printed name of person mailing paper(s) and/or fee)

(Signature of person mailing paper(s) and/or fee)

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APR 23 2001

Technology Center 2100



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MAIL DATE CANCELLED

Docket No. 4887-4001US1



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Charles Ferguson, et al.

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APR 23 2001

Serial No.: 09/675,424

Examiner: TBA

Technology Center 2100

Filed: September 29, 2000

A Method And System For Integrating Network-Based Functionality Into  
PC Applications And Documents

**INFORMATION DISCLOSURE STATEMENT**

COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1.  For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:
  
2.  For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
  
3.  Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No.       , filed       .
  
4.  No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:  
 37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or

- 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or
- 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or
- 37 C.F.R. §1.97(b)(4) before the mailing date of a first office action after the filing of an RCE under §1.114.

5.  No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below.

6.  A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):

- A check in the amount of \$180.00 is enclosed in payment of the fee.
- Charge the fee to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

7.  A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:

- a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and
- b. the fee due under 37 C.F.R. §1.17(p) which is paid as set forth in paragraph 10 below.

8.  A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

- a.  37 C.F.R. §1.313(b)(3) or §1.313(c)(1), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h);
- b.  37 C.F.R. §1.313(c)(2) or §1.313(c)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Request for Continued Examination (RCE) or a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h).

c.  The fees due under 37 C.F.R. §§1.17(h) and 1.17(p) are paid as set forth in paragraph 10 below.

9.  I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

10.  This document is accompanied by  a Search Report  Communication which was cited in a corresponding  PCT or  Foreign counterpart application

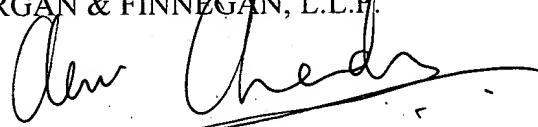
11.  A check in the amount of \$ \_\_\_\_\_ is enclosed in payment of the fees due under 37 C.F.R. §§1.17(h) and 1.17(p).

Charge the fees due under 37 C.F.R. §§1.17(h) and 1.17(p) to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Dated: April 18, 2001

By:

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.Arun Chandra  
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FORM PTO-1449

## INFORMATION DISCLOSURE CITATION

Attorney Docket: 4887-4001US1  
Serial No.: 09/675,424Applicant:  
Ferguson et al.Filing Date: Sep. 29, 2000  
Group Art Unit: 2188

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APR 2 3 2001

Technology Center 210

## U.S. PATENT DOCUMENTS

Examiner Initials	Patent Number	Issue Date	Name	Class	Sub- Class	Filing Date
	5,204,947	Apr. 20, 1993	Bernstein et al.			
APR 1 8 2001	5,297,032	Mar. 22, 1994	Trojan et al.			
	5,319,777	Jun. 7, 1994	Perez			
	5,530,852	Jun. 25, 1996	Meske Jr. et al.			
	5,581,686	Dec. 3, 1996	Koppolu et al.			
	5,664,208	Sep. 2, 1997	Pavley et al.			
	5,669,005	Sep. 16, 1997	Curbow et al.			
	5,740,455	Apr. 14, 1998	Pavley et al.			
	5,745,901	Apr. 28, 1998	Entner et al.			
	5,768,158	Jun. 16, 1998	Adler et al.			
	5,781,189	Jul. 14, 1998	Holleran et al.			
	5,805,811	Sep. 8, 1998	Pratt et al.			
	5,813,007	Sep. 22, 1998	Nielsen			
	5,835,712	Nov. 10, 1998	DuFresne			
	5,838,906	Nov. 17, 1998	Doyle et al.			
	5,838,916	Nov. 17, 1998	Domenikos et al.			
	5,878,213	Mar. 2, 1999	Bittinger et al.			
	5,878,218	Mar. 2, 1999	Maddalozzo, Jr. et al.			
	5,892,917	Apr. 6, 1999	Myerson			
	5,903,728	11-May-99	Semenzato			
	5,905,492	18-May-99	Straub et al.			
	5,905,866	18-May-99	Nakabayashi et al.			

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

5,905,991	18-May-99	Reynolds			
5,907,681	25-May-99	Bates et al.			
5,917,837	25-May-99	Ferrel et al.			RECEIVED
5,911,145	Jun. 8, 1999	Arora et al.			APR 23 2001
5,937,160	Aug. 10, 1999	Davis et al.			Technology Center 2100
5,946,697	Aug. 31, 1999	Shen			
5,963,952	Oct. 5, 1999	Smith			
5,964,836	Oct. 12, 1999	Rowe et al.			
5,974,455	Oct. 26, 1999	Monier			
5,978,807	Nov. 2, 1999	Mano et al.			
5,978,828	Nov. 2, 1999	Greer et al.			
5,978,842	Nov. 2, 1999	Noble et al.			
5,983,268	Nov. 9, 1999	Freivald et al.			
5,987,454	Nov. 16, 1999	Hobbs			
5,987,517	Nov. 16, 1999	Firth et al.			
5,991,760	Nov. 23, 1999	Gauvin et al.			
5,995,756	Nov. 30, 1999	Herrmann			
6,006,034	Dec. 21, 1999	Heath et al.			
6,006,279	Dec. 21, 1999	Hayes			
6,009,436	Dec. 28, 1999	Motoyama et al.			
6,014,688	Jan. 11, 2000	Venkatraman et al.			
6,026,413	Feb. 15, 2000	Challenger et al.			
6,031,537	Feb. 29, 2000	Hugh			
6,031,989	Feb. 29, 2000	Cordell			
6,032,182	Feb. 29, 2000	Mullen-Schulz			
6,034,681	Mar. 7, 2000	Miller et al.			
6,038,588	Mar. 14, 2000	Nagarajayya			

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

6,038,597	Mar. 14, 2000	Van Wyngarden			
6,038,601	Mar. 14, 2000	Lambert et al.			
6,041,326	Mar. 21, 2000	Amro et al.			
6,041,333	Mar. 21, 2000	Bretschneider et al.			<b>RECEIVED</b>
6,055,522	Apr. 25, 2000	Krishna et al.			APR 23 2001
6,061,686	9-May-00	Gauvin et al.			Technology Center 2100
6,061,699	9-May-00	DiCecco et al.			
6,061,715	9-May-00	Hawes			
6,067,565	23-May-00	Horvitz			
6,074,434	Jun. 13, 2000	Cole et al.			
6,076,108	Jun. 13, 2000	Courts et al.			
6,078,924	Jun. 20, 2000	Ainsbury et al.			
6,081,788	Jun. 27, 2000	Appleman et al.			
6,085,120	Jul. 4, 2000	Schwerdtfeger et al.			
6,088,702	Jul. 11, 2000	Plantz et al.			
6,091,411	Jul. 18, 2000	Straub et al.			
6,094,681	Jul. 25, 2000	Shaffer et al.			

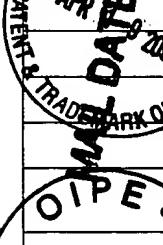
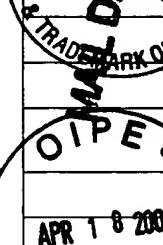
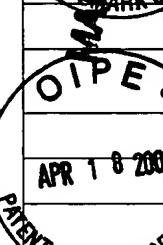
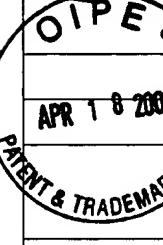
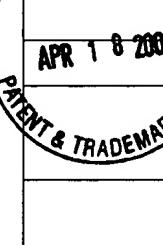
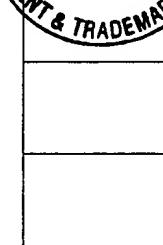
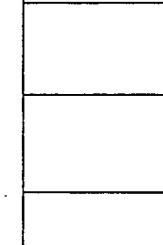
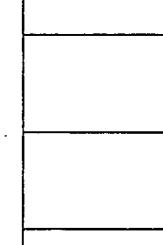
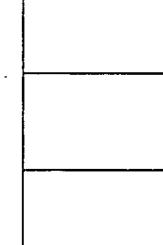
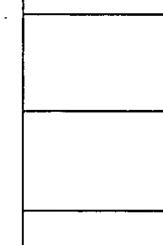
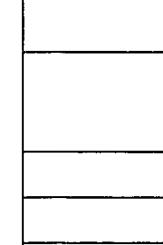
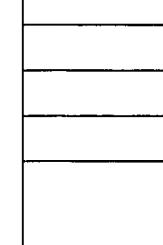
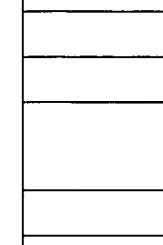
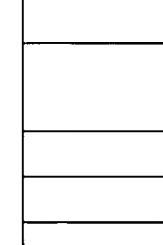
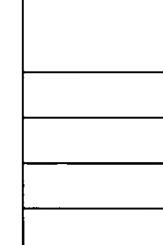
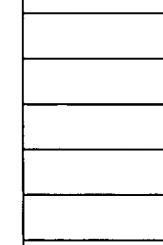
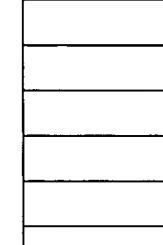
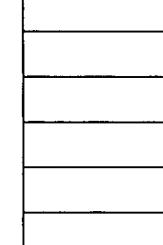
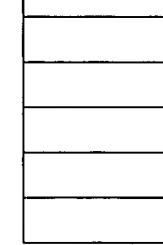
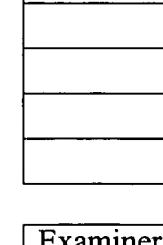
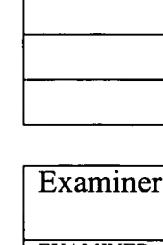
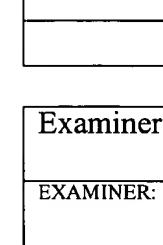
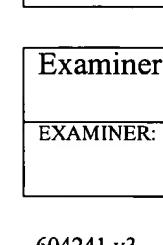
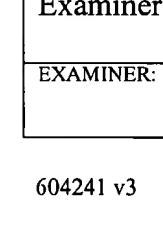
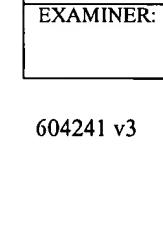
**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Patent Number	Issue/Publication Date	Country	Class	Sub-Class	Translation
	WO 97/42576	Nov. 13, 1997				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	WO 99/66453	Dec. 23, 1999				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, etc.)**

Supporting Multi-Phase Groupware Over Long Distances, S. R. Ahuja et al., IEEE, 1989
The Design of a System for Distributed Shared Objects, J. Dollimore et al., The Computer Journal, 1991
Active Mail - A Framework for Implementing Groupware, Yaron Goldberg et al., CSCW Proceeding, Nov. 1992.

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

 <b>DATE CANCELLED</b>	Kurt Piersol, A Close-up of OpenDoc, June 1994, available at <a href="http://www-4.ibm.com/software/ad/opendoc/library/aixpert.june94.closeup.html">www-4.ibm.com/software/ad/opendoc/library/aixpert.june94.closeup.html</a>
 <b>RECEIVED</b>	The Great Internet Race, Tom Quinlan and Nick Wingfield, Jan. 15, 1996, available at <a href="http://www.infoworld.com">www.infoworld.com</a>
 <b>APR 2 3 2001</b>	OpenDoc Wins InfoWorld Landmark Technology Award, February 6, 1996, <a href="http://support.info.apple.com/pr/press.releases/1996/q2/960206.pr.rel.opendoc.html">support.info.apple.com/pr/press.releases/1996/q2/960206.pr.rel.opendoc.html</a>
 <b>Leaving a lasting legacy, Michael Moeller and Norvin Leach, PCWEEK, June 10, 1996</b>	
 <b>Technology Center 2100</b>	The ABCs of MFC ActiveX Controls, Paul Johns, October 22, 1996
 <b>DCOM Architecture, Markus Horstmann and Mary Kirtland, July 23, 1997</b>	
 <b>A Toolkit for negotiation Support Interfaces to Multi-Dimensional Data, Michael Gebhardt et al., Proceedings of the ACM SIGMOD International Conference on Management of Data, 1997</b>	
 <b>ActiveX Controls in the Office 97 developer Edition, April 1998,</b>	
 <b>Briggs, Lotus eSuite, IBM Systems Journal, Vol. 37, No. 3, 1998*</b>	
 <b>Notification Servers for Synchronous Groupware, John F. Patterson et al., Ubiquitous Collaboration via Surface Representations, Dan R. Olsen Jr. et al., Proceedings of the ACM 1998 Conference on Computer Supported Cooperative work</b>	
 <b>On Querying Spreadsheets, Laks V.S. Lakshmanan et al., Proceedings of the 14th International Conference on Data Engineering, 1998</b>	
 <b>Operation Transforms for a Distributed Shared Spreadsheet, Christopher R. Palmer, Proceedings of the ACM 1998 Conference on Computer Supported Cooperative work</b>	
 <b>Ubiquitous Collaboration via Surface Representations, Dan R. Olsen Jr. et al., Proceedings of the ACM 1998 Conference on Computer Supported Cooperative work</b>	
 <b>Microsoft Office 2000: Microsoft Office 2000 Web Components (white paper), Apr. 1999, available at <a href="http://www.microsoft.com/office/evaluation/prodinfo/WebCmpnt.htm">www.microsoft.com/office/evaluation/prodinfo/WebCmpnt.htm</a></b>	
 <b>How to write and Use ActiveX Controls for Microsoft Windows CE, June 1999</b>	
 <b>Data Oriented Components, July 13, 1999</b>	
 <b><a href="http://www.inventure.com">www.inventure.com</a> (downloaded 1/10/00)</b>	
 <b>Integrating Existing Applications into Intranets, <a href="http://www.intraactice.com/press/white_papers.html">www.intraactice.com/press/white_papers.html</a> (downloaded 2/21/00)</b>	
 <b>WebMethods, <a href="http://www.webmethods.com">www.webmethods.com</a> (downloaded 2/21/00)</b>	
 <b>Distributed Objects (downloaded 3/22/00)</b>	
 <b>OLE, <a href="http://backofficesystems.com/tips/apps/ole.htm">backofficesystems.com/tips/apps/ole.htm</a> (downloaded 3/22/00)</b>	
 <b>Embedded Browser, <a href="http://www.eSignal.com">www.eSignal.com</a> (downloaded 3/27/00)</b>	
 <b>HyperCard, <a href="http://www.pcwebopaedia.com">www.pcwebopaedia.com</a> (downloaded 3/27/00)</b>	
 <b>Integrated development environment, <a href="http://www.pcwebopaedia.com">www.pcwebopaedia.com</a> (downloaded 3/27/00)</b>	
 <b>Mary Jo Foley, Will Embedded browsers rule the Web?, March 27, 2000</b>	
 <b>OLE --&gt; Object Linking and Embedding, <a href="http://foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?OLE">foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?OLE</a> (downloaded 3/27/00)</b>	
 <b>Quote.com QCharts: Embedded Browser (downloaded 3/27/00)</b>	

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

SEARCHED	Use of popular multimedia authoring tools, <a href="http://www.simmons.edu/~hou/readings/461/class6.htm">www.simmons.edu/~hou/readings/461/class6.htm</a> (downloaded 3/27/00)
SEARCHED	Visual BASIC, <a href="http://foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?Visual+Basic">foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?Visual+Basic</a> (downloaded 3/27/00)
SEARCHED	DDE, <a href="http://www.pcwebopaedia.com">www.pcwebopaedia.com</a> (downloaded 3/28/00)
SEARCHED	Interprocess communication (IPC), <a href="http://www.pcwebopaedia.com">www.pcwebopaedia.com</a> (downloaded 3/28/00)
SEARCHED	Microsoft Unveils Vision for Next Generation Internet, June 22, 2000
SEARCHED	Microsoft .NET: Realizing the Next Generation Internet (A Microsoft White Paper), June 2000
SEARCHED	ActiveX, <a href="http://www.whatis.com">www.whatis.com</a> (downloaded 7/11/00)
SEARCHED	ActiveX control, <a href="http://www.whatis.com">www.whatis.com</a> (downloaded 7/11/00)
SEARCHED	Microsoft.NET Framework Unites Programming Languages for Web-Based Future, July 11, 2000, available at <a href="http://www.microsoft.com/PressPass/features/2000/jul00/07-11.NETframework.asp">www.microsoft.com/PressPass/features/2000/jul00/07-11.NETframework.asp</a>
SEARCHED	ActiveX (PowerPoint Presentation), Charlie Kindel (7/17/00)
SEARCHED	ADO, <a href="http://www.whatis.com">www.whatis.com</a> (downloaded 7/18/00)
SEARCHED	Enterprise Data Browsing: Data and Analytics in the Internet Age (white paper), <a href="http://www.inventure.com">www.inventure.com</a> (downloaded 7/24/00)
SEARCHED	Inventure Data Browser for Excel, <a href="http://www.inventure.com">www.inventure.com</a> (downloaded 7/24/00)
SEARCHED	Inventure WebScrubber Service, <a href="http://www.inventure.com">www.inventure.com</a> , (downloaded 7/24/00)
SEARCHED	Netalytics, <a href="http://www.inventure.com">www.inventure.com</a> (downloaded 7/24/00)
SEARCHED	OpenDoc: Shaping Tomorrow's Software (An overview White Paper) (downloaded 7/24/00)
SEARCHED	Microsoft Office 2000 Small Office, available from <a href="http://www.microsoft.com">www.microsoft.com</a> (downloaded 8/2/00)
SEARCHED	StarOffice 5.2 Application Suite: Features (downloaded 8/3/00)
SEARCHED	StarOffice 5.2 Software: The Alternative Suite (White Paper) (downloaded 8/3/00)
SEARCHED	StarOffice 5.2 Suite, Reviewer's Guide, <a href="http://www.sun.com">www.sun.com</a> (downloaded 8/3/00)
SEARCHED	network, <a href="http://www.whatis.com">www.whatis.com</a> (downloaded 8/4/00)
SEARCHED	Mary Kirtland, The Programmable Web: Web Services Provides Building Blocks for the Microsoft .NET Framework, Sep. 2000
SEARCHED	Activating the Internet with ActiveX Technologies, <a href="http://www.active-x.com/articles/activate.htm">www.active-x.com/articles/activate.htm</a> (downloaded 2/22/01)
SEARCHED	What is ActiveX?, <a href="http://www.active-x.com/articles/whatis.htm">www.active-x.com/articles/whatis.htm</a> (downloaded 2/22/01)
SEARCHED	HyperCard: Installation and new features (date unknown)
SEARCHED	Use of popular multimedia authoring tools, <a href="http://www.simmons.edu/~hou/readings/461/class6.htm">www.simmons.edu/~hou/readings/461/class6.htm</a> (date unknown)
SEARCHED	What's new with Web tools? (date unknown)
SEARCHED	Use linked and embedded objects to share information between Office programs (date unknown)
SEARCHED	

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